Form 3160-3 (August 2007)

FORM APPROV	VED
OMB No. 1004-	013
Expires July 31,	201

UNITED ST		Expires July 31, 2010	
DEPARTMENT OF T BUREAU OF LAND N	5. Lease Serial No.		
BUREAU OF LAND	UTU70847		
APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Tribe Name	
1a. Type of Work: ☑ DRILL ☐ REENTER		7. If Unit or CA Agreement, Name and No.	
1b. Type of Well: ☐ Oil Well    Gas Well ☐ Oth	ner 🔲 Single Zone 💆 Multiple Zone	Lease Name and Well No.     ALGER PASS 67-11	
	KAYLENE R GARDNER gardner@eogresources.com	9. API Well No. 43 047-40608	
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-9111	10. Field and Pool, or Exploratory  NATURAL BULLES	
4. Location of Well (Report location clearly and in accorda	wood with any Come or according to the second secon	Underignate of  11. Sec., T., R., M., or Blk. and Survey or Area	
V 1	*	•	
At surface NWNW 828FNL 846FWL 3	9.87989 N Lat, 109.76539 W Lon	Sec 11 T11S R19E Mer SLB	
At proposed prod. zone NWNW 828FNL 846FWL 3	·		
<ol> <li>Distance in miles and direction from nearest town or post of 52.8 MILES SOUTH OF VERNAL, UT</li> </ol>	office*	12. County or Parish 13. State UINTAH UT	
15. Distance from proposed location to nearest property or	16. No. of Acres in Lease	17. Spacing Unit dedicated to this well	
lease line, ft. (Also to nearest drig. unit line, if any) 828	317.00	40.00	
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on file	
completed, applied for, on this lease, ft. 6510	9990 MD 9990 TVD	NM2308	
21. Elevations (Show whether DF, KB, RT, GL, etc. 5523 GL	22. Approximate date work will start	23. Estimated duration 45-DAYS	
	24. Attachments		
The following, completed in accordance with the requirements o	f Onshore Oil and Gas Order No. 1, shall be attached to t	his form:	
Well plat certified by a registered surveyor.     A Drilling Plan.     A Surface Use Plan (if the location is on National Forest Syst SUPO shall be filed with the appropriate Forest Service Off	Item 20 above).  Some Lands, the Some Item 20 above in the state of th	ormation and/or plans as may be required by the	
25. Signature (Control Submission) Couch	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9	Date 09/02/2009	
Title REGULATORY ADMINISTRATOR			
Approved by Signame	Name (Printed/Typed)	Date Date	
Title	Office S ENVIDONMENTAL SHILL	107-14-07	
	Office SENVIRONMENTAL MANAGER	3	

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### Additional Operator Remarks (see next page)

Electronic Submission #73912 verified by the BLM Well Information System RECEIVED For EOG RESOURCES, INC., sent to the Vernal

605629X 4414953Y

Federal Approval of this Action is Necessary

SEP U 8 2009

DIN, OF OIL, GAS & MINING

39. 8 79950 \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

- 109.764752

#### EOG RESOURCES. INC. T11S, R19E, S.L.B.&M. Well location, ALGER PASS #67-11, located as Set Marked Stone, shown in the NW 1/4 NW 1/4 of Section 11. Pile of Stones S89°36'51"W - 2613.58' (Meas.) N89°55'46"W - 2614.07' (Meas.) T11S, R19E, S.L.B.&M. Uintah County, Utah. Set Marked Stone Set Marked Stone, BASIS OF ELEVATION Pile of Stones SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION (Meas. 20, T10S, R19E, S.L.B.&M. TAKEN FROM THE BIG PACK MNT. NW QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. *ALGER PASS #67-11* (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES 48, 2654.19" 846 DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY, SAID Elev. Ungraded Ground = 5523' ELEVATION IS MARKED AS BEING 5251 FEET. BASIS OF BEARINGS BASIS OF BEARINGS IS A G.P.S. OBSERVATION. S00.02'15"W Set Marked Stone, Set Marked Stone, Pile of Stones Pile of Stones 500, 6 (6.L. 2640.00 SCALE CERTIFICATE THIS IS TO CERTIFY THAT THE ABOVE PLANE PREPARED FIELD NOTES OF ACTUAL SURVEYS MADE PROJECT OF MY KNOWLEDGE AND PELIFET POUR AND 161210 S00.01, BEST OF MY KNOWLEDGE AND BELIEF Set Marked Stone. Pile of Stones, Steel Post N89'55'E - 2633.40' (G.L.O.) S89°48'46"E - 2643.30' (Meas.) 1960 Galv. Cap. 1.0' High, SMS SWLY, Pile of UINTAH ENGINEERING & LAND SURVEYING Stones 85 SOUTH 200 EAST -VERNAL, UTAH 84078 (NAD 83) (435) 789-1017 LATITUDE = 39.52.47.59.(39.879886)DATE SURVEYED: DATE DRAWN: **LEGEND:** SCALE LONGITUDE = $109^{4}5^{5}5.40^{\circ}$ (109.765389) 1" = 1000'03-09-09 03-24-09 (NAD 27) REFERENCES = 90' SYMBOL PARTY LATITUDE = 39'52'47.72" (39.879922) C.R. T.A. L.K. G.L.O. PLAT LONGITUDE = $109^{4}5^{5}2.90^{\circ}$ (109.764694) = PROPOSED WELL HEAD. WEATHER = SECTION CORNERS LOCATED. COOL EOG RESOURCES, INC.

## **ALGER PASS 67-11** NW/NW, SEC. 11, T11S, R19E, S.L.B.&M.. **UINTAH COUNTY, UTAH**

## 1. & 2. ESTIMATED TOPS & ANTICIPATED OIL, GAS, & WATER ZONES:

FORMATION	TVD-RKB (ft)	Objective	Lithology	
Green River	785		Shale	
Birdsnest	987		Dolomite	
Mahogany Oil Shale Bed	1,555		Shale	
Wasatch	4,212	Primary	Sandstone	Gas
Chapita Wells	5,802	Primary	Sandstone	Gas
Buck Canyon	5,521	Primary	Sandstone	Gas
North Horn	6,363	Primary	Sandstone	Gas
KMV Price River	7,674	Primary	Sandstone	Gas
KMV Price River Middle	8,494	Primary	Sandstone	Gas
KMV Price River Lower	9,374	Primary	Sandstone	Gas
Sego	9,783		Sandstone	
TD	9,990			

Estimated TD: 9,990' or 200'± below TD

Anticipated BHP: 5,455 Psig

- 1. Fresh Waters may exist in the upper, approximately 1,000 ft ± of the Green River Formation, with top at about 2,000 ft ±.
- 2. Cement isolation is installed to surface of the well isolating all zones by cement.

#### 3. PRESSURE CONTROL EQUIPMENT:

Production Hole - 5000 Psig

BOP schematic diagrams attached.

#### 4. CASING PROGRAM:

<u>CASING</u>	<u>Hole</u> <u>Size</u>	Length	Size	WEIGHT	<u>Grade</u>	Thread	Rating Collapse	Factor Burst	Tensile
Conductor	20"	0 – 60'	14"	32.5#	A252			1800 PSI	10,000#
Surface	12 1/4"	0 – 2,300' KB±	9-5/8"	36.0#	J-55	STC	2020 PSI	3520 Psi	394,000#
Production	7-7/8"	Surface - TD	4-1/2"	11.6#	P-110	LTC	7560 PSI	10,690 Psi	279,000#

Note: 12-1/4" surface hole will be drilled to a total depth of 200'± below the base of the Green River lost circulation zone and cased w/9-5/8" as shown to that depth. Drilled depth may be shallower or deeper than the 2300' shown above depending on the actual depth of the loss zone.

All casing will be new or inspected.

## ALGER PASS 67-11 NW/NW, SEC. 11, T11S, R19E, S.L.B.&M.. UINTAH COUNTY, UTAH

### 5. Float Equipment:

## Surface Hole Procedure (0'- 2300'±)

Guide Shoe

Insert Float Collar (PDC drillable)

Centralizers: 1-5' above shoe, top of jts. #2 and #3 then every 5<sup>th</sup> joint to surface. (15 total)

## <u>Production Hole Procedure (2300'± - TD):</u>

Float shoe, 1 joint casing, float collar and balance of casing to surface. 4-½", 11.6#, N-80 or equivalent marker collars or short casing joints to be placed at top of Price River and 400' above top of Wasatch. Centralizers to be placed 5' above shoe on joint #1, top of joint #2, and every 2nd joint to 400' above Wasatch Island top. Thread lock float shoe, top and bottom of float collar, and top of 2<sup>nd</sup> joint.

#### 6. MUD PROGRAM

#### Surface Hole Procedure (Surface - 2300'±):

Air/air mist or aerated water.

#### Production Hole Procedure (2300'± - TD):

Anticipated mud weight 9.5 – 10.5 ppg depending on actual wellbore conditions encountered while drilling.

#### 2300'± - TD

A closed mud system will be utilized. A bentonite gelled water mud system will be used to control viscosity w/PHPA polymer used for supplemental viscosity and clay encapsulation/inhibition. Water loss will be maintained at <15cc's using white starch or PAC. Bactericides will be used as needed. Anticipated pH will range from 9.0-10.0. Mud weight will be adjusted as necessary for well control. Deflocculants/thinners will be used as necessary to maintain mud quality. LCM sweeps will be utilized as necessary to control lost circulation and mud loss. CO2 contamination, if encountered, will be treated with lime and gypsum.

## ALGER PASS 67-11 NW/NW, SEC. 11, T11S, R19E, S.L.B.&M.. UINTAH COUNTY, UTAH

## 7. VARIANCE REQUESTS:

Reference: Onshore Oil and Gas Order No. 1

Onshore Oil and Gas Order No. 2 - Section E: Special Drilling Operations

- EOG Resources, Inc. requests a variance to regulations requiring a straight run blooie line to be 100' in length. (Where possible, a straight run blooie line will be used).
- EOG Resources, Inc. requests a variance to regulations requiring the blooie line to be 100' in length. To reduce location excavation, the blooie line will be approximately 75' in length.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring dedusting equipment. Dust during air drilling operations is controlled by water mist.
- EOG Resources, Inc. requests a variance to regulations, during air drilling operations only, requiring an automatic igniter or continuous pilot light on the blooie line. (Not required on aerated water system).
- EOG Resources, Inc. requests a variance that compressors are located in the opposite direction from the blooie line a minimum of 100 feet from the well bore. (Air Compressors are rig mounted).

#### 8. EVALUATION PROGRAM:

Logs:

Mud log from base of surface casing to TD.

Cased-hole Logs:

Cased-hole logs will be run in lieu of open-hole logs consisting of the following:

Cement Bond / Casing Collar Locator and Pulsed Neutron

## ALGER PASS 67-11 NW/NW, SEC. 11, T11S, R19E, S.L.B.&M.. UINTAH COUNTY, UTAH

## 9. CEMENT PROGRAM:

#### Surface Hole Procedure (Surface - 2300'±):

Lead:

185 sks

Class "G" cement with 16% Gel, 10 #/sx Gilsonite, 3% Salt, 2% CaCl<sub>2</sub>,

3 lb/sx GR3 ¼ #/sx Flocele mixed at 11 ppg, 3.82 ft<sup>3</sup>/sk. yield, 23 gps water.

Tail:

207 sks

Class "G" cement with 2% CaCl<sub>2</sub>, ½#/sk Flocele mixed at 15.6 ppg, 1.18 ft<sup>3</sup>/sk.,

5.2 gps water.

Top Out:

As necessary with Class "G" cement with 2% CaCl2, 1/4#/sk Flocele mixed at 15.6

ppg, 1.18 ft<sup>3</sup>/sk., 5.2 gps water.

Note:

Cement volumes will be calculated to bring lead cement to surface and tail

cement to 500'above the casing shoe.

#### Production Hole Procedure (2300'± - TD)

Lead:

115 sks:

Hi-Lift "G" w/12% D20 (Bentonite), 1% D79 (Extender), 5% D44

(Salt),0.2% D46 (Antifoam), 0.25% D112 (Fluid Loss Additive), 0.25 pps D29

(cello flakes) mixed at 11.0 ppg, 3.91 ft<sup>3</sup>/sk., 24.5 gps water.

Tail:

1,098 sks:

50:50 Poz "G" w/ 2% D20 (Bentonite), 0.1% D46 (Antifoam), 0.075%

D13 (Retarder), 0.2% D167 (Fluid Loss Additive), 0.2% D65 (Dispersant),

mixed at 14.1 ppg, 1.28 ft<sup>3</sup>/sk., 5.9gps water.

Note:

The above number of sacks is based on gauge-hole calculation.

Lead volume to be calculated to bring cement to 200' $\pm$  above 9-5/8" casing shoe. Tail volume to be calculated to bring cement to 400' $\pm$  above top of Wasatch.

Final Cement volumes will be based upon gauge-hole plus 45% excess.

## ALGER PASS 67-11 NW/NW, SEC. 11, T11S, R19E, S.L.B.&M.. UINTAH COUNTY, UTAH

## 10. ABNORMAL CONDITIONS:

#### Surface Hole (Surface - 2300'±):

Lost circulation

#### Production Hole (2300'± - TD):

Sloughing shales, lost circulation and key seat development are possible in the Wasatch Formation.

## 11. STANDARD REQUIRED EQUIPMENT:

- A. Choke Manifold
- B. Upper and Lower Kelly Cock
- C. Stabbing Valve
- D. Visual Mud Monitoring

#### 12. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

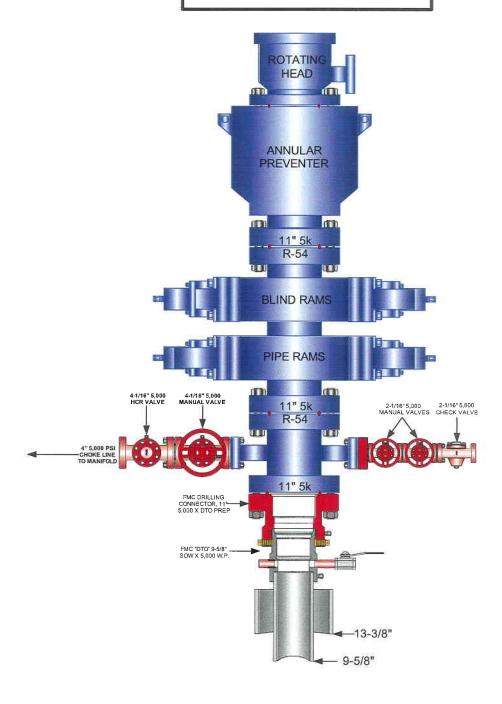
#### 13. Air Drilling Operations:

- 1. Main Air Compressors are 1250 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- 2. Secondary Air Compressors are 1170 CFM 350 psi with 2000 psi Boosters and are rig mounted.
- Minimum setting depth of conductor casing will be 60' GL or 10'± into competent formation, whichever is deeper, as determined by the EOG person in charge. Exceptions must be approved by an EOG drilling superintendent or manager.
- 4. The diameter of the diverter flow line will be a minimum of 10" to help reduce back pressure on the well bore during uncontrolled flow.
- 5. Rat and Mouse hole drilling will occur only after surface casing has been set and cemented.
- EOG Resources, Inc. will use a properly maintained and lubricated stripper head.

(Attachment: BOP Schematic Diagram)

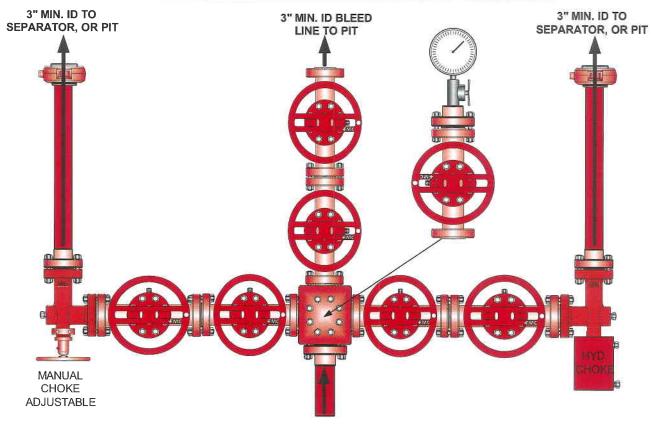
## EOG RESOURCES 11" 5,000 PSI W.P. BOP CONFIGURATION

PAGE 1 OF 2



EOG RESOURCES CHOKE MANIFOLD CONFIGURATION W/ 5,000 PSI WP VALVES

PAGE 2 0F 2



4" 5,000 PSI CHOKE LINE FROM HCR VALVE

## **Testing Procedure:**

- 1. BOP will be tested with a professional tester to conform to Onshore Order #2.
- 2. Blind and Pipe rams will be tested to rated working pressure, 5,000 psi.
- 3. Annular Preventer will be tested to 50% working pressure, 2,500 psi. Casing will be tested to 0.22 psi / ft. or 1,500 psi. Not to exceed 70% of burst strength, whichever is greater.
- 4. All lines subject to well pressure will be tested to the same pressure as blind and pipe rams.
- 5. All BOPE specifications and configurations will meet Onshore Order #2 requirements.



## Alger Pass 67-11 NWNW, Section 11, T11S, R19E Uintah County, Utah

#### SURFACE USE PLAN

The well pad is approximately 375-feet long with a 261-foot width, containing 2.25 acres more or less. The well access road is approximately 325-feet long with a 30-foot right-of-way, disturbing approximately 0.22 acre. New surface disturbance associated with access road and the well pad is estimated to be approximately 2.47acres. The pipeline is approximately 925-feet long with a 8-foot right-of-way, disturbing approximately 0.17 acre.

#### 1. EXISTING ROADS:

- A. See attached Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 52.8miles south of Vernal, Utah See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary.

#### 2. PLANNED ACCESS ROAD:

- A. The access road will be approximately 325-feet in length, Culvert's if necessary See attached Topo B.
- B. The access road has a 30-foot ROW w/18 foot running surface.
- C. Maximum grade of the new access road will be 8 percent.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.
- I. A 30-foot permanent right-of-way is requested. No surfacing material will used.

J. No additional storage areas will be needed for storing equipment, stockpiling, or vehicle parking.

All travel will be confined to existing access road rights-of-way.

New or reconstructed roads will be centerlined – flagged at time of location staking. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed, safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 40-foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the roadbed block the drainages. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around then avoided.

As operator, EOG Resources, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

Traveling off the 30-foot right-of-way will not be allowed. The access road and associated drainage structures will be constructed and maintained in accordance with road guidelines contained in the joint BLM/USFS publication: Surface Operating Standards for Oil and Gas Exploration and Development, Third Edition, and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction. During the drilling and production phase of operations, the road surface and shoulders will be kept in a safe and useable condition and drainage ditches and culverts will be kept clear and free flowing.

The entire length of the proposed access road is located within lease and will not require an off-lease right-of-way.

#### 3. LOCATION OF EXISTING WELLS WITHIN A ONE-MILE RADIUS:

See attached TOPO map "C" for the location of wells within a one-mile radius.

#### 4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES:

#### A. On Well Pad

- 1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, combo separator-dehy unit with meter, two (2) 400-bbl vertical tanks and attaching piping.
- 2. Gas gathering lines A 4" gathering line will be buried from dehy to the edge of the location.

#### B. Off Well Pad

- 1. Proposed pipeline will transport natural gas.
- 2. The pipeline will be a permanent feeder line.
- 3. The length of the proposed pipeline is 925 x 8'. The proposed pipeline leaves the eastern edge of the well pad (Lease UTU70847) proceeding in a easterly direction for an approximate distance of 925-feet tieing in within the NWNW of Section 11-T11S-R19E (Lease UTU70847). Pipe will be 4" NOM, 0.156 wall, Grade X42, Zap-Lock, electric weld with a 35 mil X-Tru coating.
- 4. Proposed pipeline will be a 4" OD steel, zap-lok line laid on the surface
- 5. Proposed pipeline will be laid on surface.
- 6. A 8-foot permanent pipeline right-of-way is requested. A 40-foot temporary pipeline right-of-way for construction purposes is requested, the temporary right-of-way will be utilized for a 10-day period.
- 7. The proposed pipeline route begins in the NWNW of Section 11, T11S, R19E, proceeding northerly for an approximate distance of 925-feet to the NWNW of Section 11, T11S, R19E.
- 8. The entire length of the proposed pipeline is located within lease and will not require a federal right-of-way.
- 9. Pipeline will be coupled using the Zap lock method. No additional off-pad facilities will be required.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. All facilities will be painted with Carlsbad Canyon. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

#### 5. LOCATION AND TYPE OF WATER SUPPLY:

- A. Water supply will be from Ouray Municipal Water Plant at Ouray, Utah, and/or Bonanza Power Plant water source in Sec 26, T8S, R23E, Uintah County, UT (State Water Right # 49-225(A31368)). Water will be hauled by a licensed trucking company.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

#### 6. Source of Construction Materials:

- A. All construction material for this pipeline will be of native borrow and soil accumulated during the construction of the location.
- B. No mineral materials will be required.

#### 7. METHODS OF HANDLING WASTE DISPOSAL:

#### A. METHODS AND LOCATION

- Cuttings will be confined and dried in a cuttings pit. Dried cuttings shall be spread on the access road.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a storage tank for a period not to exceed 90 days after initial production. After the 90 day period, the produced water will be contained in a tank on location and then disposed of at one of the following locations: Natural Buttes Unit 21-20B SWD, Ace Disposal, CWU 550-30N SWD CWU 2-29 SWD, Red Wash Evaporation Ponds 1, 2, 3, 4, 5, 6, or 7, or Coyote Evaporation Ponds 1, 2, 3, or 4, or White River Evaporation Ponds 1, or 2, or Hoss SWD Facility, right-of-way UTU 86010, UTU 897093 or EOG Resources, Inc. drilling operations (Chapita Wells Unit, Natural Buttes Unit & Stagecoach Unit).
- All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either natural or artificial evaporation methods, or by removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the closed loop system will be avoided by flaring them off in the flare pit at the time of recovery.

The referenced well will be drilling utilizing a closed loop system. The closed loop system will be installed in a manner that preventing leaks, breaks, or discharge. Drill cutting will be contained in an area approximately 50' x 100'. The surface drill cuttings pile will be bermed and lined with bentonite. Drill cuttings will be dried and spread on location. More stringent protective requirements may be deemed necessary by the A.O.

EOG Resources, Inc. maintains a file, per 29 CFR 1910.1200 (g) containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds, and/or substances which are used during the course of construction, drilling, completion, and production operations for this project. Hazardous materials (substances) which may be found at the site may include drilling mud and cementing products which are primarily inhalation hazards, fuels (flammable and/or combustible), materials that may be necessary for well completion/ stimulation activities such as flammable or combustible substances and acids/gels (corrosives). The opportunity for Superfund Amendments and Reauthorization Act (SARA) listed Extremely Hazardous Substances (EHS) at the site is generally limited to proprietary treating chemicals. All hazardous and EHS and commercial preparations will be handled in an appropriate manner to minimize the potential for leaks or spills to the environment.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing or completion of the well.

#### 8. ANCILLARY FACILITIES:

None anticipated.

#### 9. WELL SITE LAYOUT:

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The proposed location will be drilled utilizing a closed loop system.

The stockpiled pit topsoil (first six inches) will be stored separate from the location topsoil. The stockpiled location topsoil will be stored in a location providing easy access for interim reclamation and protect of the topsoil. Upon completion of construction, the stockpiled topsoil from the location will be broadcast seeded with the approved seed mixture from this location and then walked down with a Caterpillar tractor.

Access to the well pad will be from the east.

#### 10. PLANS FOR RECLAMATION OF THE SURFACE:

#### A. Interim Reclamation (Producing Location)

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours – See attached Figure #3. The reserve pit will be reclaimed within 90 days from the date of the well completion, or as soon as environmental conditions allow. Before any dirt takes place, the reserve pit must be completely dry and free of all foreign obstacles.

The stockpiled pit topsoil will then be spread over the pit area and broadcast seeded with the prescribed seed mixture for this location. The seeded area will then be walked down with a cat.

Upon initial reclamation monitoring an interim reclamation seed mixture for the proposed location will be provided within the annual monitoring report.

Pure live seed (PLS) formula: percent of purity of seed mixture times percent germination of seed mixture equals portion of seed mixture that is PLS.

#### B. Dry Hole/Abandoned Location

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BLM will attach the appropriated surface rehabilitation conditions of approval.

#### 11. SURFACE OWNERSHIP:

Surface ownership of the proposed well site, access road, and pipeline route is as follows:

**Bureau of Land Management** 

#### 12. OTHER INFORMATION:

A. EOG Resources, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials

are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the Authorized Officer. Within five working days the Authorized Officer will inform the operator as to:

- Whether the materials appear eligible for the National Register of Historic Places;
- The mitigation measures the operator will likely have to undertake before the site can be used.
- A time frame for the Authorized Officer to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the Authorized Officer are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the Authorized Officer will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The Authorized Officer will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the Authorized Officer that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, EOG Resources, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BLM administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application or herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on BLM lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)
- D. The drilling rig and ancillary equipment will be removed from the location prior to commencement of completion operations. Completion operations will be conducted utilizing a completion/workover rig.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice of Lessees. The operator is fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Construction activity will not be conducted using frozen or saturated soils material or during periods when watershed damage is likely to occur.

If the existing access road, proposed access road, and proposed pad are dry during construction, drilling, and completion activities, water will be applied, as needed, to help facilitate compaction during construction and to minimize soil loss as a result of wind erosion.

A cultural resources survey was conducted and will be submitted by Montgomery Archaeological Consultants. A paleontological survey was conducted and submitted by Intermountain Paleo on August 28, 2009.

#### **Additional Information:**

None

#### LESSEE OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

#### **PERMITTING AGENT**

Kaylene R. Gardner EOG Resources, Inc. P.O. Box 1815 Vernal, UT 84078 (435) 781-9111

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

The operator or his/her contractor shall contact the BLM office at (435) 781-4400 forty-eight (48) hours prior to construction activities.

#### **CERTIFICATION:**

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by EOG Resources, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that EOG Resources, Inc. is considered to be the operator of the Alger Pass 67-11 Well, located in the NWNW, of Section 11, T11S, R19E, Uintah County, Utah; Federal land and minerals; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is under Bond # NM 2308.

September 2, 2009	Tal ment Sen le
Date	Kaylene R. Gardner Regulatory Administrator
Onsite Date:	August 18, 2009

## EOG RESOURCES, INC.

ALGER PASS #67-11 LOCATED IN UINTAH COUNTY, UTAH SECTION 11, T11S, R19E, S.L.B.&M.

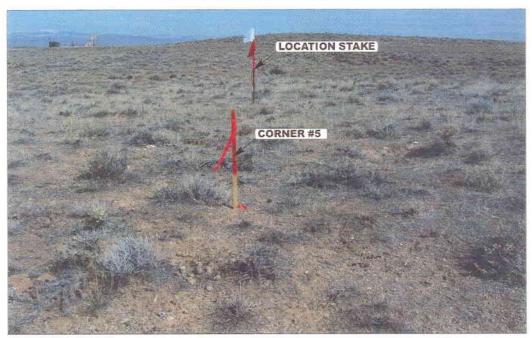


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHWESTERLY



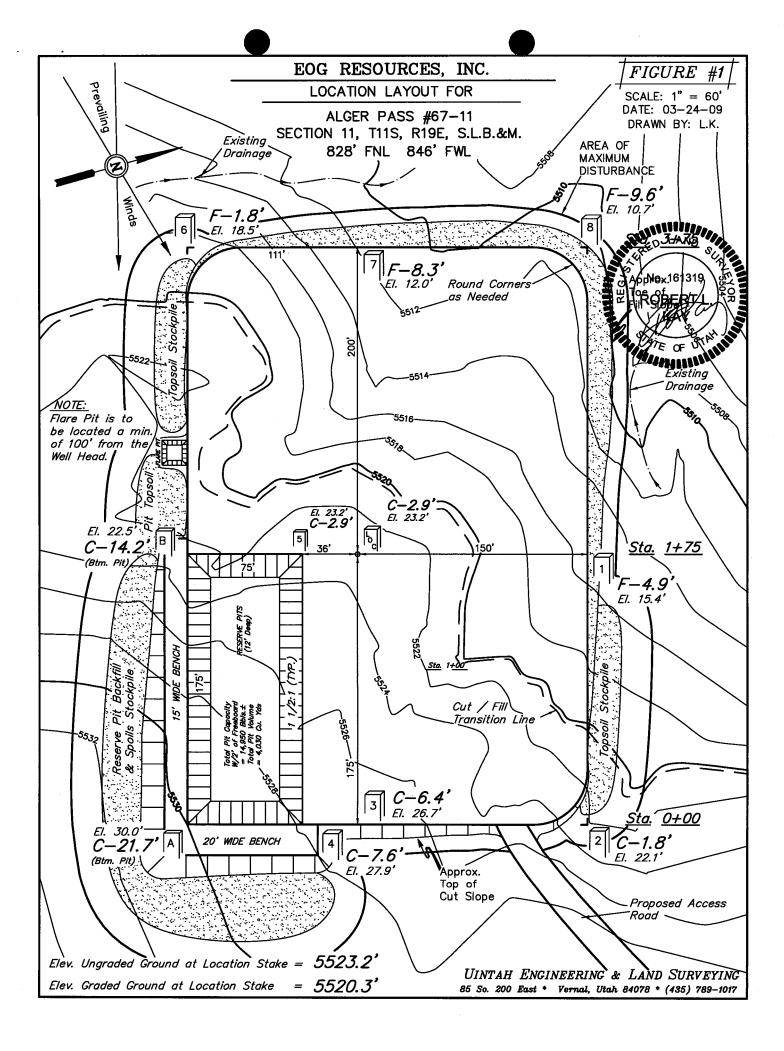
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 \* FAX (435) 789-1813

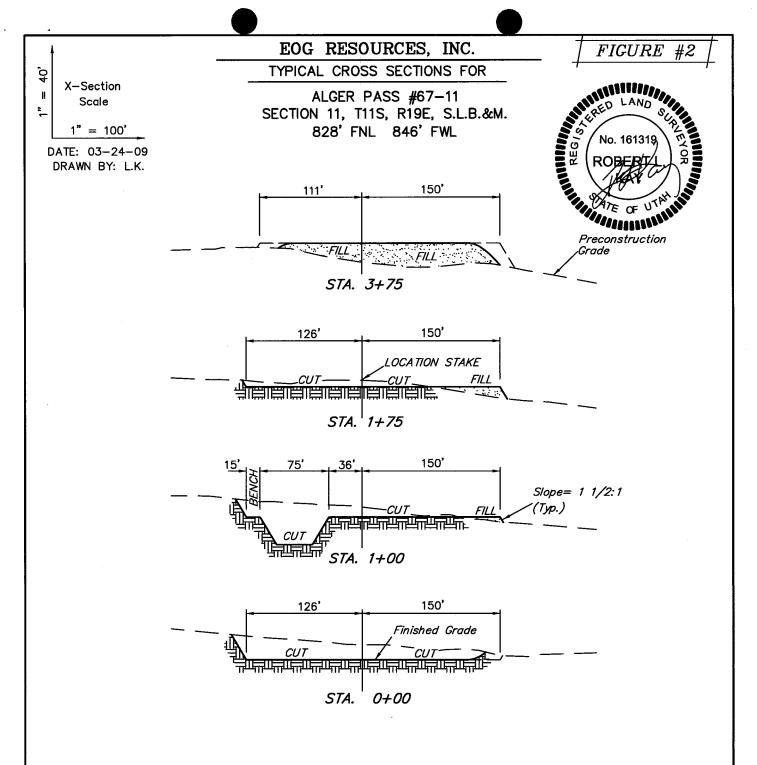
LOCATION PHOTOS

MONTH DAY YEAR

РНОТО

TAKEN BY: G.O. DRAWN BY: J.H. REVISED: 00-00-00





NOTE:

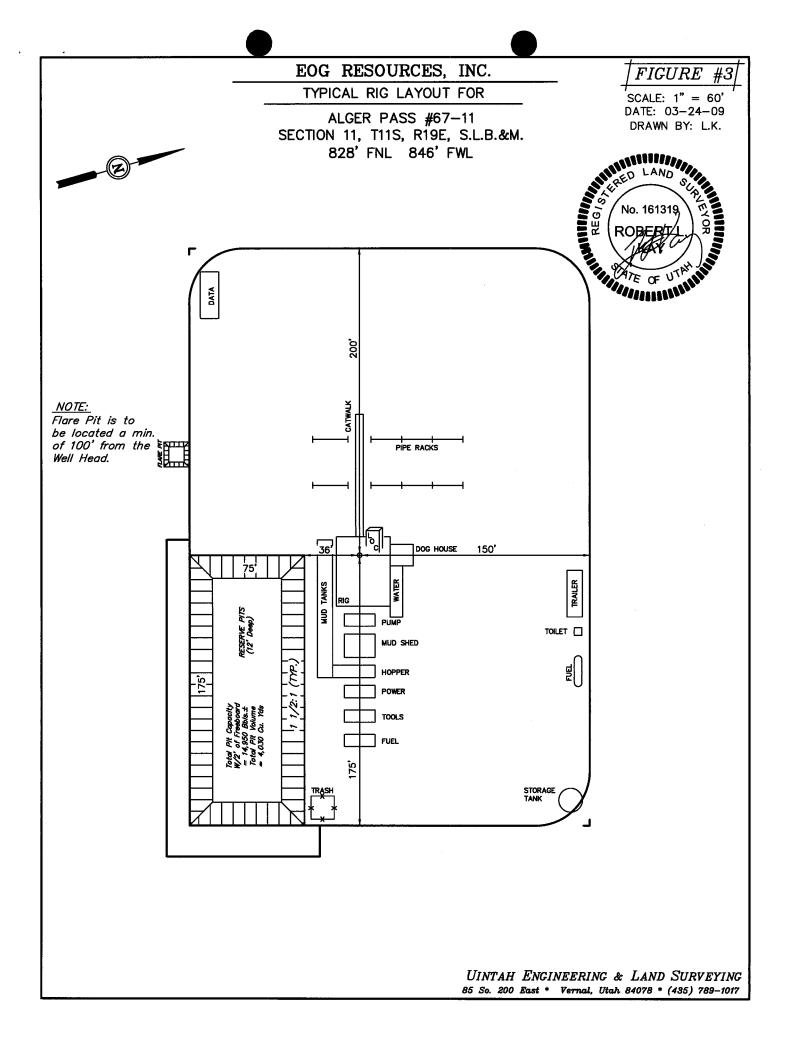
APPROXIMATE ACREAGES

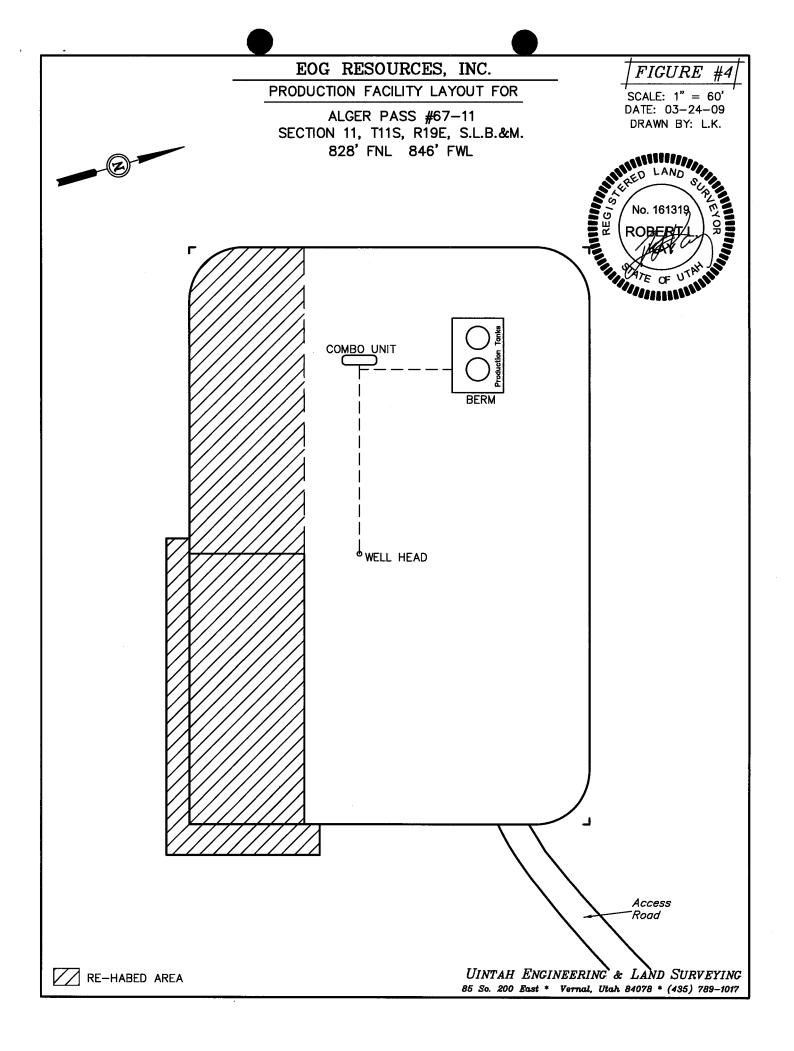
Topsoil should not be Stripped Below Finished Grade on Substructure Area.

WELL SITE DISTURBANCE =  $\pm 3.010$  ACRES ACCESS ROAD DISTURBANCE =  $\pm 0.223$  ACRES PROPOSED PIPELINE DISTURBANCE =  $\pm 0.637$  ACRES \* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

#### $TOTAL = \pm 3.870 ACRES$

APPROXIMATE YARDAGES **EXCESS MATERIAL** = 4,200 Cu. Yds. Topsoil & Pit Backfill Cu. Yds. = 4,200(6") Topsoil Stripping = 2,190 Cu. Yds. (1/2 Pit Vol.) Remaining Location = 11,930 Cu. Yds. EXCESS UNBALANCE = 0Cu. Yds. = 14,120 CU.YDS. TOTAL CUT (After Interim Rehabilitation) = 9,920 CU.YDS. **FILL** UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

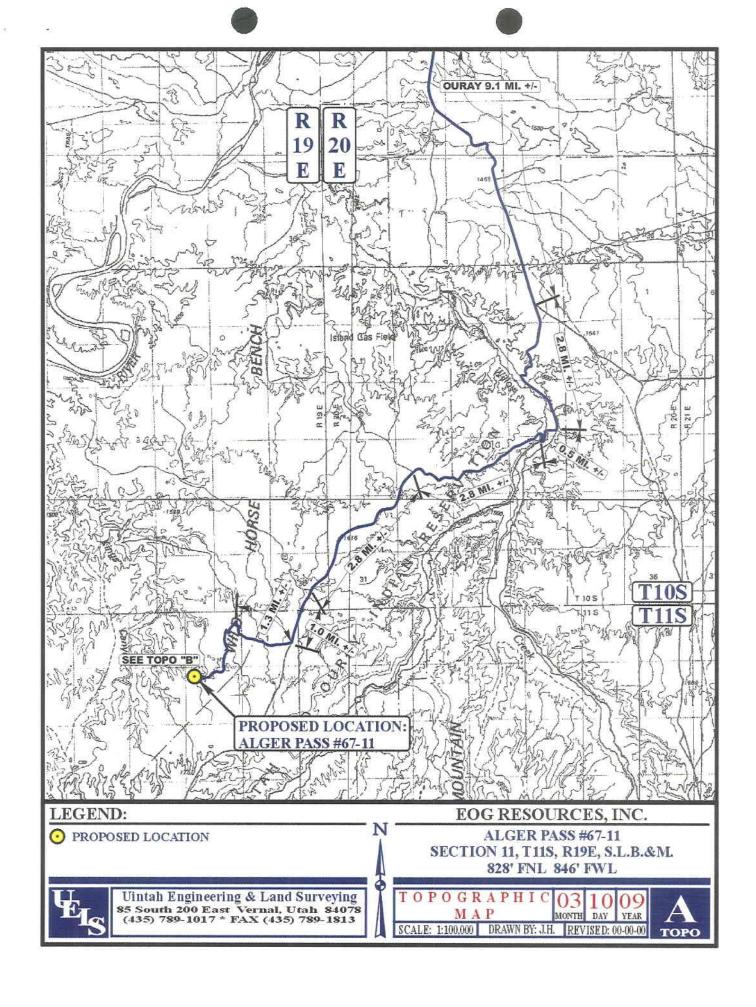


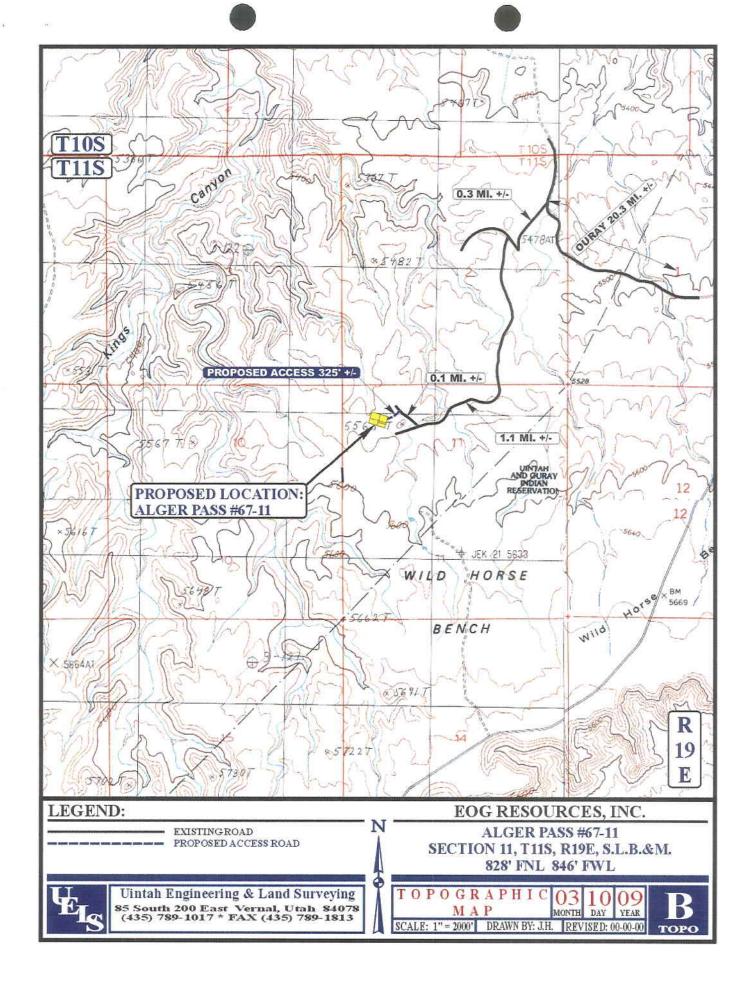


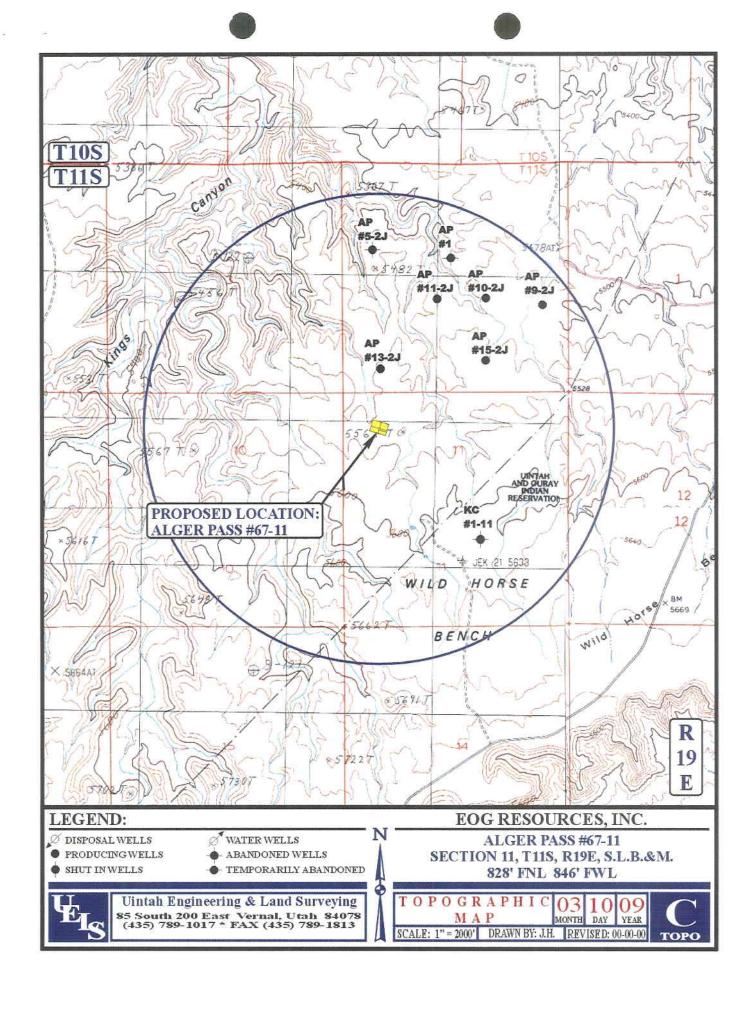
## EOG RESOURCES, INC. ALGER PASS #67-11 SECTION 11, T11S, R19E, S.L.B.&M.

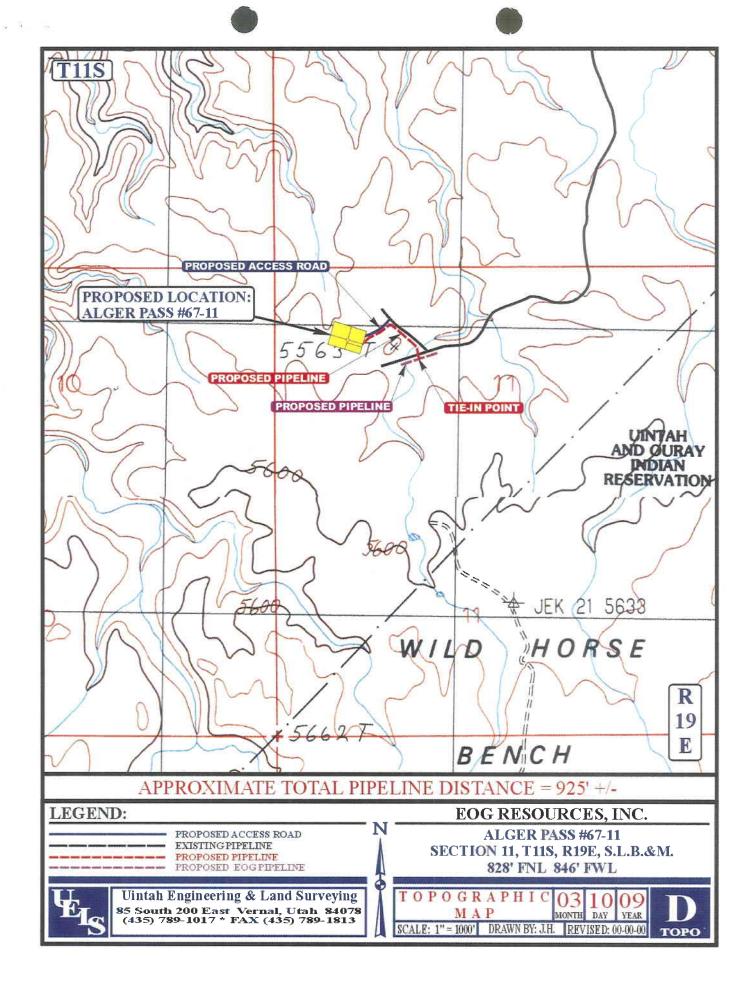
PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT PROCEED IN A WESTERLY, THEN SOUTHWESTERLY APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 1.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 1.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN LEFT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 1.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST: TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 325' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.8 MILES.

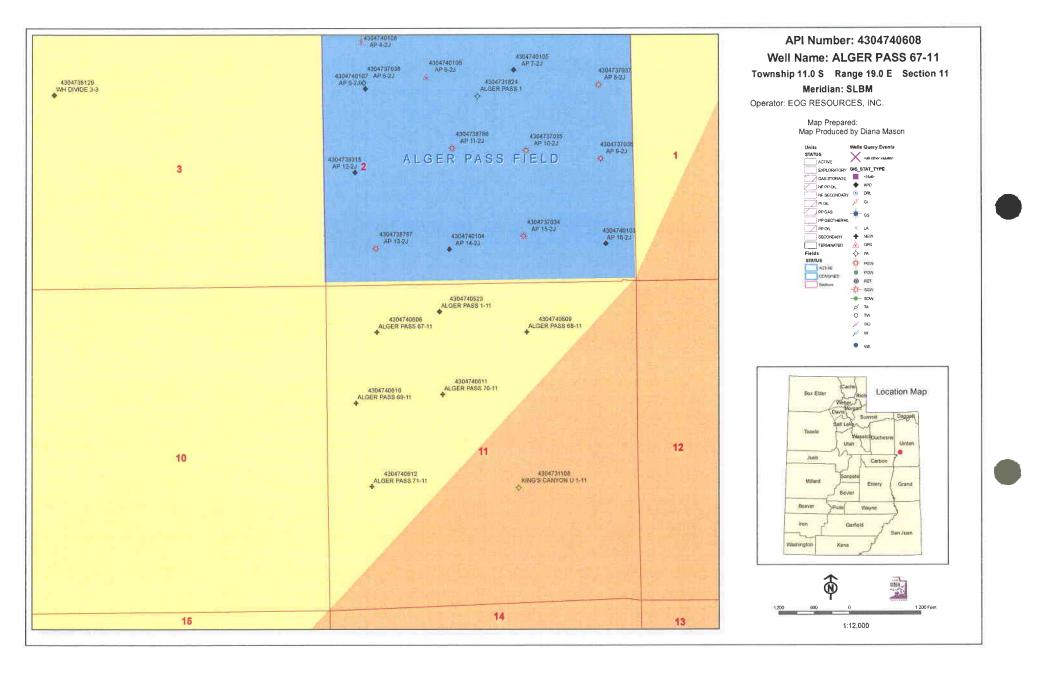








APD RECEIVE	D: 09/08/2009		API NO. ASSIG	NED: 43-047	-40608
WELL NAME:	ALGER PASS 67-11				
	EOG RESOURCES, INC. ( N9550 )		PHONE NUMBER:	435-781-9111	L
	KAYLENE GARDNER				
			,		
PROPOSED LO	CATION:		INSPECT LOCATN	BY: /	/
	.1 110S 190E 0828 FNL 0846 FWL		Tech Review	Initials	Date
	0828 FNL 0846 FWL		Engineering		
COUNTY:			Geology		
	39.87995 LONGITUDE: -109.76475 EASTINGS: 605629 NORTHINGS: 44149	953	Surface		· · · · · · · · · · · · · · · · · · ·
FIELD NAM	E: UNDESIGNATED ( 2	)		, <del>I</del>	
	1 - Federal			nton Mark	
	R: UTU70847 ER: 1 - Federal		PROPOSED FORMAT COALBED METHANI		J
DOMINOL OWN	III. I IddeIdi				
RECEIVED AN	D/OR REVIEWED:		ON AND SITING:		
Bond:	Fed[1] Ind[] Sta[] Fee[]		649-2-3.		
1 Potas	NM2308 ) h (Y/N)		.649-3-2. Gener	al	
	hale 190-5 (B) or 190-3 or 190-13 Permit		iting: 460 From Qt		etween wells
	49-225		•	ar i	
NDCC	Review (Y/N)		Drilling Unit		
(Dat	e:)		Board Cause No: Eff Date:		
L(A Fee S	urf Agreement (Y/N)		Siting:		
im Inten	t to Commingle (Y/N)	R	649-3-11. Dire	ctional Dril	.1
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COMMENTS: _					
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GARY R. HERBERT

Lieutenant Governor

## State of Utah

#### DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA

Division Director

September 17, 2009

EOG Resources, Inc 1060 East Highway 40 Vernal, UT 84078

Re:

Alger Pass 67-11 Well, 828' FNL, 846' FWL, NW NW, Sec. 11, T. 11 South, R. 19 East, Uintah County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40608.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal Office



Operator:	EOG Resources, Inc			
Well Name & Number	Alger Pass 67-11			
API Number:	43-047-40608			
Lease:	UTU70847			
Location: <u>NW NW</u>	Sec11_	T11 South	<b>R.</b> 19 East	

## **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

## 2. Notification Requirements

Notify the division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

## 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

STATE OF UTAH  DEPARTMENT OF NATURAL RESOURCES  DIVISION OF OIL, GAS, AND MINING			FORM 9		
			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU70847		
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	als to drill new wells, significantly deepen gged wells, or to drill horizontal laterals. U		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ALGER PASS 67-11		
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047406080000		
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Vernal	I, UT, 84078 435 781-91	PHONE NUMBER: 11 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0828 FNL 0846 FWL			COUNTY: UINTAH		
Qtr/Qtr: NWNW Section: 11	<b>P, RANGE, MERIDIAN:</b> Township: 11.0S Range: 19.0E Meridian:	S	STATE: UTAH		
11.	CK APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPORT,	OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
	ACIDIZE	ALTER CASING	CASING REPAIR		
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME		
5/20/2010	CHANGE WELL STATUS	✓ COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	■ NEW CONSTRUCTION		
Date of Work Completion.	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	UBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION		
	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:		
EOG Resources, Inc. requests authorization for commingling of production from the Wasatch and Mesaverde formations in the referenced wellbore. In the event allocation of production is necessary, the allocation will be based on proportionate net pay as calculated from cased-hole logs. Production from the Wasatch and Mesaverde formations will be commingled in the wellbore and produced through open-ended 2-3/8" tubing landed below all perforation of all wells on contiguous oil and gas leases or drilling units and an affidavit By:  showing that this application has been provided to owners of all contiguous oil and gas leases or drilling units overlying the pool.					
NAME (PLEASE PRINT) Nanette Lupcho	<b>PHONE NUMBER</b> 435 781-9157	TITLE Regulatory Assistant			
SIGNATURE N/A	755 / 01 515/	DATE 5/20/2010			

) ss

## COUNTY OF UINTAH )

## **VERIFICATION**

Nanette M. Lupcho, of lawful age, being first duly sworn upon oath, deposes and says:

She is a Regulatory Assistant of EOG Resources, Inc., of Vernal, Utah. EOG Resources, Inc. is the operator of the following described well:

## Alger Pass 67-11 828' FNL – 846' FWL (NWNW) SECTION 11, T11S, R19E UINTAH COUNTY, UTAH

EOG Resources, Inc., XTO Energy, Exhibit A, are the only owners in the well and/or of all contiguous oil and gas leases or drilling units overlying the pool.

On the 20<sup>th</sup> day of May, 2010 she placed in the United States mail, with postage prepaid, a copy of the attached Application for Commingling in one wellbore for the subject well.

Said envelope, which contained these instruments, was addressed to the Utah Division of Oil, Gas & Mining, Bureau of Land Management, and XTO Energy.

Further affiant saith not.

Nanette M. Lupcho Regulatory Assistant

Subscribed and sworn before me this 20th day of May, 2010.

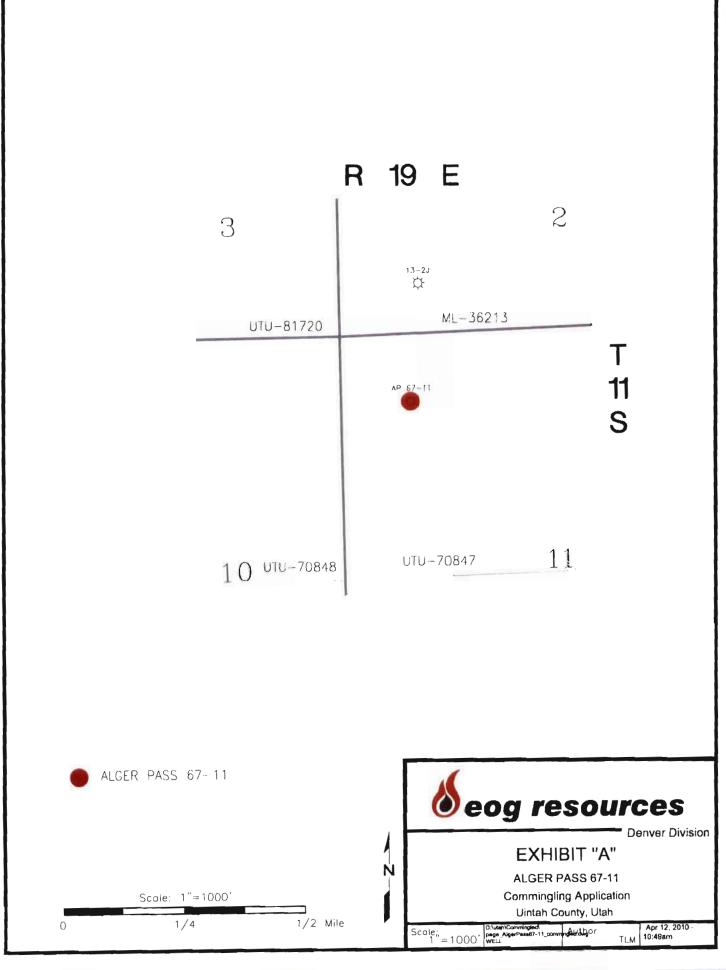
Notary Public

My Commission Expires: April 19 2012



# Exhibit "A" to Affidavit East Chapita 21-08 Application to Commingle

XTO Energy 810 Houston Street Fort Worth, Texas 76012-6298



	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU70847
SUNDF	RY NOTICES AND REPORTS ON	I WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepen exist igged wells, or to drill horizontal laterals. Use A		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ALGER PASS 67-11
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047406080000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	PF al, UT, 84078 435 781-9111 E	HONE NUMBER: xt	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0828 FNL 0846 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWNW Section: 1:	IP, RANGE, MERIDIAN: 1 Township: 11.0S Range: 19.0E Meridian: S		STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDICATE N.	ATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF	r the referenced well be	REQUEST DENIED Utah Division of Oil, Gas and Mining ate: August 26, 2010
NAME (PLEASE PRINT) Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	TITLE Regulatory Assistant	
SIGNATURE N/A		<b>DATE</b> 8/26/2010	

	STATE OF UTAH		FORM 9	
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU70847	
SUND	RY NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	sals to drill new wells, significantly deepen ex igged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ALGER PASS 67-11	
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047406080000	
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna	<b>PHONE</b> al, UT, 84078 435 781-9111	NUMBER: Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0828 FNL 0846 FWL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NWNW Section: 1:	1 Township: 11.0S Range: 19.0E Meridian: S		STATE: UTAH	
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
_	☐ ACIDIZE ☐	ALTER CASING	CASING REPAIR	
Approximate date work will start:	☐ CHANGE TO PREVIOUS PLANS	CHANGE TUBING	☐ CHANGE WELL NAME	
8/27/2010	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE	
SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN ☐	FRACTURE TREAT	☐ NEW CONSTRUCTION	
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK	
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON	
	☐ TUBING REPAIR	VENT OR FLARE	☐ WATER DISPOSAL	
DRILLING REPORT	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION	
Report Date:	☐ WILDCAT WELL DETERMINATION ☐	OTHER	OTHER:	
	MPLETED OPERATIONS. Clearly show all pertin respectfully requests the APD f extended for one year.	or the referenced well be		
NAME (PLEASE PRINT) Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	TITLE Regulatory Assistant		
SIGNATURE N/A		<b>DATE</b> 8/27/2010		



# The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

# Request for Permit Extension Validation Well Number 43047406080000

**API:** 43047406080000 Well Name: ALGER PASS 67-11

Location: 0828 FNL 0846 FWL QTR NWNW SEC 11 TWNP 110S RNG 190E MER S

Company Permit Issued to: EOG RESOURCES, INC.

**Date Original Permit Issued:** 9/17/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that req

informat uire revis	tion as submitted in the sion. Following is a chec	previously klist of so	approved appl ne items relate	ication to dr d to the app	ill, remair lication, w	is valid and does no hich should be ver	ot ified.
	ited on private land, has ed? 📗 Yes 🃵 No	the owne	rship changed,	if so, has the	e surface	agreement been	
	any wells been drilled in requirements for this lo			sed well whic	ch would a	affect the spacing o	)r
	ere been any unit or ot proposed well?		nents put in pla	ce that could	d affect th	e permitting or ope	eratio
	there been any changes the proposed location?			ling ownersl	hip, or rig	ntof- way, which co	ould
• Has th	ne approved source of w	ater for dr	illing changed?	Yes 🧓	) No		
	there been any physical e in plans from what wa						a
• Is bon	nding still in place, whic	n covers th	is proposed we	ill? 📵 Yes	No No	Approved by the Utah Division of I, Gas and Minin	
nature:	Michelle Robles	Date:	8/27/2010				
Title:	Regulatory Assistant Rep	resenting:	EOG RESOURCE	S, INC.	Date:_	August 31, 2010	)
	•	_			A. T.	. DQcall VV	

Sig

Sundry Number: 18353 API Well Number: 43047406080000

	STATE OF UTAH	CEC			FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			<b>5.LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU70847	
SUND	RY NOTICES AND REPORTS	S ON	WELLS	6. IF I	NDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deepe igged wells, or to drill horizontal laterals.			7.UNI	T or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well					<b>L NAME and NUMBER:</b> R PASS 67-11
2. NAME OF OPERATOR: EOG Resources, Inc.					NUMBER: 7406080000
3. ADDRESS OF OPERATOR: 1060 East Highway 40 , Verna			UMBER: xt		LD and POOL or WILDCAT: SIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0828 FNL 0846 FWL				COUNT	
QTR/QTR, SECTION, TOWNSHI	(P, RANGE, MERIDIAN: 1 Township: 11.0S Range: 19.0E Meridian	n: S		STATE	
11. CHE	CK APPROPRIATE BOXES TO INDICA	ATE N	ATURE OF NOTICE, REPOR	Γ, OR OT	HER DATA
TYPE OF SUBMISSION			TYPE OF ACTION		
	ACIDIZE		ALTER CASING		CASING REPAIR
✓ NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS		CHANGE TUBING		CHANGE WELL NAME
9/8/2011	CHANGE WELL STATUS		COMMINGLE PRODUCING FORMATIONS	s [	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN		FRACTURE TREAT		NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE		PLUG AND ABANDON		PLUG BACK
	☐ PRODUCTION START OR RESUME		RECLAMATION OF WELL SITE		RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION		SIDETRACK TO REPAIR WELL		TEMPORARY ABANDON
·	☐ TUBING REPAIR		VENT OR FLARE		WATER DISPOSAL
☐ DRILLING REPORT	☐ WATER SHUTOFF		SI TA STATUS EXTENSION		APD EXTENSION
Report Date:	☐ WILDCAT WELL DETERMINATION		OTHER		HER:
			-		Į.
	mpleted operations. Clearly show all portions are respectfully requests the AP extended for one year	D for		oe	Approved by the Utah Division of II, Gas and Mining
				Date:	09/14/2011
				I	00 00
				Ву: <u> ()</u>	and the same
NAME (PLEASE PRINT) Michelle Robles	<b>PHONE NUMBER</b> 307 276-4842	2	<b>TITLE</b> Regulatory Assistant		
SIGNATURE N/A			<b>DATE</b> 9/8/2011		

Sundry Number: 18353 API Well Number: 43047406080000



# The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

# Request for Permit Extension Validation Well Number 43047406080000

**API:** 43047406080000 **Well Name:** ALGER PASS 67-11

Location: 0828 FNL 0846 FWL QTR NWNW SEC 11 TWNP 110S RNG 190E MER S

Company Permit Issued to: EOG RESOURCES, INC.

**Date Original Permit Issued: 9/17/2009** 

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

<ul> <li>If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes No</li> </ul>
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?</li> <li>Yes</li> <li>No</li> </ul>
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No

Title: Regulatory Assistant Representing: EOG RESOURCES, INC.

Sundry Number: 28879 API Well Number: 43047406080000

	STATE OF UTAH		FORM 9	
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU70847		
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:		
	oposals to drill new wells, significantly de reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ALGER PASS 67-11	
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047406080000	
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000		HONE NUMBER: 435 781-9111 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0828 FNL 0846 FWL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 11 Township: 11.0S Range: 19.0E Meridia	an: S	STATE: UTAH	
11. CHEC	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	CHANGE TO PREVIOUS PLANS  CHANGE WELL STATUS  DEEPEN  OPERATOR CHANGE  PRODUCTION START OR RESUME  REPERFORATE CURRENT FORMATION  TUBING REPAIR  WATER SHUTOFF  WILDCAT WELL DETERMINATION  COMPLETED OPERATIONS. Clearly show all anc. respectfully requests the AF well be extended for one year	PD for the referenced	CASING REPAIR  CHANGE WELL NAME  CONVERT WELL TYPE  NEW CONSTRUCTION  PLUG BACK  RECOMPLETE DIFFERENT FORMATION  TEMPORARY ABANDON  WATER DISPOSAL  ✓ APD EXTENSION  OTHER:  Depths, volumes, etc.  Approved by the Utah Division of Oil, Gas and Mining  Date: August 28, 2012  By:	
NAME (PLEASE PRINT)	PHONE NUMBER			
Vail Nazzaro SIGNATURE N/A	303 824-5590	Sr. Regulatory Assistant  DATE 8/14/2012		

Sundry Number: 28879 API Well Number: 43047406080000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

### Request for Permit Extension Validation Well Number 43047406080000

**API:** 43047406080000 **Well Name:** ALGER PASS 67-11

Location: 0828 FNL 0846 FWL QTR NWNW SEC 11 TWNP 110S RNG 190E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 9/17/2009

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<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?</li> <li>Yes</li> <li>No</li> </ul>
• Has the approved source of water for drilling changed? 🔘 Yes 📵 No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No
nature: Vail Nazzaro Date: 8/14/2012

Signature: Vail Nazzaro Date: 8/14/2012

Title: Sr. Regulatory Assistant Representing: EOG RESOURCES, INC.

Sundry Number: 41559 API Well Number: 43047406080000

	STATE OF UTAH		FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING			5.LEASE DESIGNATION AND SERIAL NUMBER: UTU70847
SUNDF	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ALGER PASS 67-11
2. NAME OF OPERATOR: EOG Resources, Inc.			9. API NUMBER: 43047406080000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000	0 N , Denver, CO, 80202	PHONE NUMBER: 435 781-9111 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0828 FNL 0846 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNS	HIP, RANGE, MERIDIAN: 11 Township: 11.0S Range: 19.0E Me	ridian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
7	ACIDIZE	ALTER CASING	CASING REPAIR
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
8/20/2013	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
Date of Work Completion.	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
Nopen Suite	WILDCAT WELL DETERMINATION	OTHER	OTHER:
I .	COMPLETED OPERATIONS. Clearly show nc. respectfully requests the well be extended for one y	APD for the referenced	depths, volumes, etc.  Approved by the  Utah Division of
	well be exterided for one y	rear.	Oil, Gas and Mining
			Date: August 21, 2013
			By: Bacyll
NAME (PLEASE PRINT)	PHONE NUMB	BER TITLE	
Vail Nazzaro	303 824-5590	Sr. Regulatory Assistant	
SIGNATURE N/A		<b>DATE</b> 8/20/2013	

Sundry Number: 41559 API Well Number: 43047406080000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

# Request for Permit Extension Validation Well Number 43047406080000

API: 43047406080000 Well Name: ALGER PASS 67-11

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• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?  Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?  Yes No
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No
nature: Vail Nazzaro Date: 8/20/2013

Sig

Title: Sr. Regulatory Assistant Representing: EOG RESOURCES, INC.

Form 3160-3 (August 2007)

DEPARTMENT OF THE INTERIOR EP	a 🗷	วกกเ
BUREAU OF LAND MANAGEMEN PLI	U 4.	ZUU:
3r	<b>X</b> *	7

FORM APPRO	VEI
OMB No. 1004-	013
Expires July 31,	201

5.	Lease Serial No.
	UTU70847

7	If Indian	Allottee	or Tribe	V

APPLICATION FOR PERMIT	6. If Indian, Allottee or Tribe Name		
la. Type of Work: ORILL REENTER		7. If Unit or CA Agreement, Name and No.	
1b. Type of Well: ☐ Oil Well ☐ Gas Well ☐ Oth		8. Lease Name and Well No. ALGER PASS 67-11	
	KAYLENE R GARDNER gardner@eogresources.com	9. API Well No. 43 DAT 400D8	
3a. Address 1060 EAST HIGHWAY 40 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-9111	10. Field and Pool, or Exploratory NATURAL BUTTES	
4. Location of Well (Report location clearly and in accorded	ince with any State requirements.*)	11. Sec., T., R., M., or Blk. and Survey or Area	
At surface NWNW 828FNL 846FWL 3	9.87989 N Lat, 109.76539 W Lon	Sec 11 T11S R19E Mer SLB	
At proposed prod. zone NWNW 828FNL 846FWL 3	9.87989 N Lat, 109.76539 W Lon		
14. Distance in miles and direction from nearest town or post 52.8 MILES SOUTH OF VERNAL, UT	office*	12. County or Parish 13. State UINTAH UT	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any)	16. No. of Acres in Lease	17. Spacing Unit dedicated to this well	
828	317.00	40.00	
18. Distance from proposed location to nearest well, drilling,	19. Proposed Depth	20. BLM/BIA Bond No. on file	
completed, applied for, on this lease, ft. 6510	9990 MD 9990 TVD	NM2308	
21. Elevations (Show whether DF, KB, RT, GL, etc. 5523 GL	22. Approximate date work will start	23. Estimated duration 45-DAYS	
	24. Attachments		
The following, completed in accordance with the requirements of	of Onshore Oil and Gas Order No. 1, shall be attached to	this form:	
<ol> <li>Well plat certified by a registered surveyor.</li> <li>A Drilling Plan.</li> <li>A Surface Use Plan (if the location is on National Forest Systems)</li> </ol>	Item 20 above).  Some Department of the second seco	ons unless covered by an existing bond on file (see	

- SUPO shall be filed with the appropriate Forest Service Office).
- 6. Such other site specific information and/or plans as may be required by the authorized officer.

Title Kssistarit Field Manager Lands & Mineral Resources	VERNAL FIELD OFFICE	
Approved by (Signature)	Name (Printed/Typed)  Jerry Kenczka	AUG 05 2014
Title REGULATORY ADMINISTRATOR		
25. Signature (Electronic Submission)	Name (Printed/Typed) KAYLENE R GARDNER Ph: 435-781-9111	Date 09/02/2009

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### Additional Operator Remarks (see next page)

Electronic Submission #73912 verified by the BLM Well Information System For EOG RESOURCES, INC., sent to the Vernal Committed to AFMSS for processing by ROBIN R. HANSEN on 09/03/2009 ()

**NOTICE OF APPROVAL** 

**CONDITIONS OF APPROVAL ATTACHED** \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

09GXJ4775AE

NOS 6-4-2009



# UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE**

**VERNAL, UT 84078** 

(435) 781-440



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

EOG Resources, Inc.

170 South 500 East

Location:

NWNW, Sec. 11,T11S, R19E

Well No: API No:

Alger Pass 67-11 43-047-40608

Lease No: Agreement: UTU-70847

N/A

**OFFICE NUMBER:** 

(435) 781-4400

**OFFICE FAX NUMBER: (435) 781-3420** 

# A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

#### NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to:  blm_ut_vn_opreport@blm.gov
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 10 Well: Alger Pass 67-11 7/21/2014

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO<sub>x</sub> per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
  work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
  mitigation may be necessary for the discovered paleontologic material before construction can
  continue.

#### Site Specific COAs:

#### Air Quality:

- All internal combustion equipment shall be kept in good working order.
- Water or other approved dust suppressants will be used at construction sites and along roads, as determined appropriate by the Authorized Officer. Dust suppressant such as magnesium chloride or fresh water may be used, as needed, during the drilling phase.
- Open burning of garbage or refuse shall not occur at well sites or other facilities.
- Drill rigs shall be equipped with Tier II or better diesel engines.
- Low bleed pneumatics will be installed on separator dump valves and other controllers.
- During completion, no venting can occur, and flaring will be limited as much as possible. Production equipment and gathering lines will be installed as soon as possible.
- Telemetry will be installed to remotely monitor and control production.
- When feasible, two or more rigs (including drilling and completion rigs) will not be run simultaneously within 200 meters of each other. If two or more rigs must be run simultaneously within 200 meters of each other, then effective public health buffer zones out to 200 meters (m) from the nearest emission source will be implemented. Examples of an effective public health protection buffer zone include the demarcation of a public access exclusion zone by signage at intervals of every 250 feet that is visible from a distance of 125 feet during daylight hours, and a physical buffer such as active surveillance to ensure the property is not accessible by the public during drilling operations. Alternatively, the proponent may demonstrate compliance with the 1-hour NO<sub>2</sub> National Ambient Air Quality Standards (NAAQS) with appropriate and accepted near-field modeling. As part of this demonstration, the proponent may propose alternative mitigation that could include but is not limited to natural gas—fired drill rigs, installation of NO<sub>x</sub> controls, time/use restrictions, and/or drill rig spacing.

Page 3 of 10 Well: Alger Pass 67-11 7/21/2014

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horse power must not emit more than 2 grams of NO<sub>x</sub> per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.
- All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 grams of NO<sub>x</sub> per horsepower-hour.
- Green completions will be used for all well completion activities where technically feasible.
- Employ enhanced VOC emission controls with 95% control efficiency on production equipment having a potential to emit greater than 5 tons per year.

#### **Erosion Control**:

- New and existing roads will be constructed, updated, and maintained in accordance with the "Gold Book" (BLM-USFS 2007, as revised).
- No installation activity will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep in straight line travel routes, the soil will be deemed too wet to adequately support the equipment, and installation activities will cease until drier or frozen conditions are encountered.
- After testing of the pipeline, stabilization barriers, water bars, silt fences, or other erosion control
  devices will be installed in the disturbed area. In areas where steep slopes occur, spoils will be
  bermed and water will be directed to rock armored turnouts to prevent down-slope erosion. Erosion
  blankets and hand seeding will also be used in these areas.
- Minimize placement of well pads on ridgelines or steep slopes that will result in excessive fill areas.
   If a well pad must be placed in such sites, site specific best management practices will be constructed and maintained to minimize erosion of the fill areas and increased sedimentation from such sites.
- All storage tanks containing produced water, or other fluids which may constitute a hazard to public health or safety, will be surrounded by a secondary means of containment for the entire contents of the tank, plus freeboard for precipitation, or to contain 110 percent of the capacity of the largest tank.
- Production facilities that have the potential to leak produced water, or other fluids which may
  constitute a hazard to public health or safety, will be placed within appropriate containment and/or
  diversionary structures to prevent spilled or leaking fluid from reaching ground or surface waters.
- Notice of any reportable spill or leakage will be reported per agency guidelines. Oral notice will be given as soon as possible, but within no more than 24 hours, and those oral notices will be confirmed in writing within 72 hours of any such occurrence.
- No oil, lubricant, or toxic substance will be intentionally drained onto the ground surface.
- Topsoil will be salvaged and stockpiled for later use. Topsoil stockpiles will be designed to maximize surface area in order to reduce impacts to soil microorganisms.

Page 4 of 10 Well: Alger Pass 67-11 7/21/2014

- Areas used for spoil storage will be stripped of topsoil before soil placement.
- Erosion protection and silt retention will be provided by the installation and maintenance of silt catchment dams, where needed as feasible. At all well pad locations, soil berms will be constructed to divert water runoff away from the drilling location.
- Reroute existing upslope drainages around proposed well pad locations and all topsoil and subsoil
  material stockpiles. Restore natural drainage routes as part of interim reclamation actions, if
  appropriate.
- Construct erosion control devices (i.e., riprap, weed-free straw bales, plant woody vegetation, etc.) at culvert outlets or as directed by the surface land owner. All such devices will be completed to retain natural water flows.

#### Interim and Final Reclamation:

- All portions of the well pads not needed for production facilities/operations shall be recontoured to
  the approximate natural contours. Areas of the pad that will undergo interim reclamation will be
  spread with topsoil and seeded with an interim seed mixture approved by the BLM Authorized
  Officer (AO) after August 15<sup>st</sup> and prior to winter freezing of the soil. The seed mixture shall be
  worked into the topsoil with a drill seeder, bulldozer or other heavy equipment. If initial seeding is
  not successful, reseeding may be required.
- Once the wells are plugged and facilities are removed and abandoned, the well site, pipelines, and
  access roads will be returned to natural contours. The topsoil shall be respread, and the location
  seeded with a seed mixture approved by the BLM AO. The seed mixture shall be worked into the
  topsoil with a drill seeder, bulldozer or other heavy equipment.
- Revegetated areas will be inspected annually and monitored to document location and extent of areas with successful revegetation, and areas needing further reclamation (for a period of 5 years after construction completion). A reclamation report will be submitted to the AO by March 31 of each year.

#### Invasive and Noxious Weeds:

• The operator will control noxious/invasive weeds along their roads, pipelines, well sites, or other applicable facilities by the application of herbicides or by mechanical removal until reclamation is considered to be successful by the authorized officer (AO) and the bond for the well is released. A list of noxious weeds shall be obtained from the BLM or the appropriate county extension office. On BLM-administered land, the operator will submit a Pesticide Use Proposal and obtain approval prior to the application of herbicides, other pesticides, or possible hazardous chemicals.

#### Migratory Birds:

- Screens or other devices will be installed on the stacks and on other openings of heater-treaters or fired-vessels as directed by the BLM.
- EOG will remove any visible accumulation of other than de minimis oil from the drilling or workover
  pit immediately upon release of the drilling rig to reduce the potential of entrapping or poisoning
  migratory birds.

Page 5 of 10 Well: Alger Pass 67-11 7/21/2014

#### Additional Conditions of Approval:

- The Project Area has been identified as having critical to severe soil erosion conditions and slopes exceeding 40%. Surface disturbing activities (including construction and drilling activities) are not allowed during wet or muddy periods in order to minimize watershed damage due to erosion unless permission is given by the BLM Authorized Officer (AO). This condition does not apply to the operation and maintenance of producing wells.
- If culverts are required along the proposed access road(s), they will be a minimum of 18 inches in diameter and installed to meet BLM/USFS Gold Book standards.
- All permanent (on site for 6 months or longer) structures constructed or installed (including pumping units) will be painted Covert Green in order to blend with the surrounding vegetation. All facilities will be painted within 6 months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) are excluded.
- Whenever feasible, tanks and other equipment needed for production activities will be located toward the entrance (front) of the well pad in order to maximize interim reclamation.
- In the case of any deviation from the submitted APD(s), which includes EOG's surface use plan and any applicable ROW applications, the operator will notify the BLM in writing and will receive written authorization of any such change with appropriate authorization.

Page 6 of 10 Well: Alger Pass 67-11 7/21/2014

# DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

#### SITE SPECIFIC DOWNHOLE COAs:

Site Specific Drilling Plan COA's:

- A formation integrity test shall be performed at the surface casing shoe.
- Gamma Ray Log shall be run from Total Depth to Surface.

#### Variances Granted

#### Air Drilling

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" at bends.
- Automatic igniter. Variance granted for igniter due to water mist.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily
  drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order
  No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a
  test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's
  log.

Page 7 of 10 Well: Alger Pass 67-11

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is
  encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal
  Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
   Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to BLM\_UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 8 of 10 Well: Alger Pass 67-11 7/21/2014

#### **OPERATING REQUIREMENT REMINDERS:**

 All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be
  notified when it is placed in a producing status. Such notification will be by written communication
  and must be received in this office by not later than the fifth business day following the date on
  which the well is placed on production. The notification shall provide, as a minimum, the following
  informational items:
  - o Operator name, address, and telephone number.
  - Well name and number.
  - o Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - o Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of

Page 9 of 10 Well: Alger Pass 67-11 7/21/2014

the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
  Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
  future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
  BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
  hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
  be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering
  lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a
  suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be
  obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
  equipment shall be removed from a well to be placed in a suspended status without prior approval
  of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
  approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
  of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office
  Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in
  order that a representative may witness plugging operations. If a well is suspended or abandoned,
  all pits must be fenced immediately until they are backfilled. The "Subsequent Report of

Page 10 of 10 Well: Alger Pass 67-11 7/21/2014

Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Sundry Number: 55179 API Well Number: 43047406080000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCE		FORM 9		
ı	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU70847				
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	posals to drill new wells, significantly dreenter plugged wells, or to drill horizon for such proposals.		7.UNIT or CA AGREEMENT NAME:		
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ALGER PASS 67-11		
2. NAME OF OPERATOR: EOG RESOURCES, INC.			9. API NUMBER: 43047406080000		
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1000		PHONE NUMBER: 435 781-9111 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0828 FNL 0846 FWL			COUNTY: UINTAH		
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWNW Section:	HP, RANGE, MERIDIAN: 11 Township: 11.0S Range: 19.0E Merid	ian: S	STATE: UTAH		
11. CHECI	K APPROPRIATE BOXES TO INDICATE	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION			
7	ACIDIZE	ALTER CASING	CASING REPAIR		
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME		
9/4/2014	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE		
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION		
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK		
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION		
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON		
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL		
☐ DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION		
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:		
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show al	I pertinent details including dates	Vanths volumes atc		
	nc. respectfully requests the A	-	Approved by the		
	well be extended for one year	ar.	<b>Ա</b> երիլ Diny be o 0 4 դ 2014 Oil, Gas and Mining		
			Date:		
			By: Basylll		
NAME (DI EASE DOINT)	DUONE NUMBE	R TITLE			
NAME (PLEASE PRINT) Donna J Skinner	<b>PHONE NUMBE</b> 303 262-9467	Sr. Regulatory Assistant			
SIGNATURE N/A		<b>DATE</b> 9/4/2014			

Sundry Number: 55179 API Well Number: 43047406080000



# The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047406080000

API: 43047406080000 Well Name: ALGER PASS 67-11

Location: 0828 FNL 0846 FWL QTR NWNW SEC 11 TWNP 110S RNG 190E MER S

Company Permit Issued to: EOG RESOURCES, INC.

**Date Original Permit Issued: 9/17/2009** 

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

• If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No</li> </ul>
• Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ( Yes ( No
• Has the approved source of water for drilling changed?   Yes  No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No
nature: Donna J Skinner Date: 9/4/2014

Sig

Title: Sr. Regulatory Assistant Representing: EOG RESOURCES, INC.

Sundry Number: 66648 API Well Number: 43047406080000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9	
ı	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU70847			
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	posals to drill new wells, significantly dee reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ALGER PASS 67-11	
2. NAME OF OPERATOR: EOG RESOURCES, INC.			<b>9. API NUMBER:</b> 43047406080000	
3. ADDRESS OF OPERATOR: 1060 East Highway 40, Ve		HONE NUMBER: -9111 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0828 FNL 0846 FWL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 11 Township: 11.0S Range: 19.0E Meridia	n: S	STATE: UTAH	
11. CHECI	K APPROPRIATE BOXES TO INDICATE I	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
~	ACIDIZE	ALTER CASING	CASING REPAIR	
Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
10/1/2015	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	New construction	
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	U TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	✓ APD EXTENSION	
Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show all p	pertinent details including dates	danths volumes atc	
l .	nc. respectfully requests the AP		Approved by the	
	well be extended for one year		Coll, Gas and Mining	
			Date:	
			By: Daggill	
			70	
NAME (PLEASE PRINT)	PHONE NUMBER			
Kaylene Gardner	435 781-9111	Regulatory Administrator		
SIGNATURE N/A		<b>DATE</b> 10/1/2015		

Sundry Number: 66648 API Well Number: 43047406080000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

#### Request for Permit Extension Validation Well Number 43047406080000

API: 43047406080000 Well Name: ALGER PASS 67-11

Location: 0828 FNL 0846 FWL QTR NWNW SEC 11 TWNP 110S RNG 190E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 9/17/2009

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• If located on private land, has the ownership changed, if so, has the surface agreement been updated?  Yes  No
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?  Yes  No
• Has there been any unit or other agreements put in place that could affect the permitting or operation of thi proposed well?  Yes No
• Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ( Yes ( No
• Has the approved source of water for drilling changed?   Yes  No
• Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?   Yes  No
• Is bonding still in place, which covers this proposed well?   Yes   No
natura: Kaylene Gardner Date: 10/1/2015

Signature: Kaylene Gardner **Date:** 10/1/2015

Title: Regulatory Administrator Representing: EOG RESOURCES, INC.

Sundry Number: 74451 API Well Number: 43047406080000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES		FORM 9	
ι	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU70847			
SUNDR	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
	posals to drill new wells, significantly deep reenter plugged wells, or to drill horizontal on for such proposals.		7.UNIT or CA AGREEMENT NAME:	
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: ALGER PASS 67-11	
2. NAME OF OPERATOR: EOG RESOURCES, INC.			9. API NUMBER: 43047406080000	
3. ADDRESS OF OPERATOR: 600 17th Street Ste 1000N		ONE NUMBER: 781-9111 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0828 FNL 0846 FWL			COUNTY: UINTAH	
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NWNW Section:	IIP, RANGE, MERIDIAN: 11 Township: 11.0S Range: 19.0E Meridiar	n: S	STATE: UTAH	
11. CHECI	K APPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPOR	T, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
7	ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
9/15/2016	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION	
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
SPUD REPORT Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT	☐ WATER SHUTOFF ☐	SI TA STATUS EXTENSION	✓ APD EXTENSION	
Report Date:	WILDCAT WELL DETERMINATION	OTHER	OTHER:	
12 DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show all pe	ertinent details including dates d	lenths volumes etc	
	nc. respectfully requests the API well be extended for one year	D for the referenced	Approved by the Usepteinvbeo20af2016 Oil, Gas and Mining	
			Date:	
			By: Daggill	
NAME (PLEASE PRINT)	PHONE NUMBER	TITLE		
Kaylene Gardner	435 781-9111	Regulatory Administrator		
SIGNATURE N/A		<b>DATE</b> 9/15/2016		

Sundry Number: 74451 API Well Number: 43047406080000



#### The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

**Electronic Permitting System - Sundry Notices** 

# Request for Permit Extension Validation Well Number 43047406080000

API: 43047406080000 Well Name: ALGER PASS 67-11

Location: 0828 FNL 0846 FWL QTR NWNW SEC 11 TWNP 110S RNG 190E MER S

Company Permit Issued to: EOG RESOURCES, INC.

Date Original Permit Issued: 9/17/2009

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

···
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<ul> <li>Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?</li> <li>Yes</li> <li>No</li> </ul>
<ul> <li>Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?</li> <li>Yes</li> <li>No</li> </ul>
• Has the approved source of water for drilling changed? Q Yes 📵 No
<ul> <li>Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?</li> <li>Yes</li> <li>No</li> </ul>
• Is bonding still in place, which covers this proposed well?   Yes   No
nature: Kaylene Gardner Date: 9/15/2016

Sig

Title: Regulatory Administrator Representing: EOG RESOURCES, INC.

Form 3160-5 (August 2007)

# **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010

IIIN 99 2016 5. Lease Serial No.

BLM VERNAL UTA					6. If Indian, Allottee or Tribe Name		
	PLICATE - Other instruc				7. If Unit or CA/Agre	ement, Name and/or No.	
1. Type of Well Gas Well Oth	ner		<u></u>		8. Well Name and No. ALGER PASS 67-11H		
Name of Operator EOG RESOURCES, INC.	Contact: E-Mail: WES_PAII	WESLEY W NE@EOGRES			9. API Well No. 43-047-40608		
3a. Address 600 17TH ST. SUITE 1000N DENVER, CO 80202		3b. Phone No Ph: 303-26	o. (include area code 32-9886	)	10. Field and Pool, or Exploratory NATURAL BUTTES		
4. Location of Well (Footage, Sec., T	., R., M., or Survey Description	)			11. County or Parish, and State		
Sec 11 T11S R19E NWNW 82 39.879890 N Lat, 109.765390				UINTAH COUNTY, UT			
12. CHECK APPR	ROPRIATE BOX(ES) TO	) INDICATE	NATURE OF I	NOTICE, RI	EPORT, OR OTHE	R DATA	
TYPE OF SUBMISSION			TYPE O	F ACTION			
Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Product	ion (Start/Resume)	☐ Water Shut-Off	
_	☐ Alter Casing	☐ Frac	cture Treat	☐ Reclam	ation	■ Well Integrity	
☐ Subsequent Report	Casing Repair	□ Nev	g and Abandon Temporarily Abandon		olete	Other	
☐ Final Abandonment Notice	☐ Change Plans	☐ Plug					
	Convert to Injection	☐ Plug	Back	☐ Water I	Disposal		
13. Describe Proposed or Completed Ope If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final Ab determined that the site is ready for fi	ally or recomplete horizontally, it will be performed or provide operations. If the operation re- andonment Notices shall be file	give subsurface the Bond No. or sults in a multipl	locations and measure file with BLM/BLA e completion or reco	ired and true ve A. Required sul completion in a second	ertical depths of all pertin bsequent reports shall be new interval, a Form 316	ent markers and zones. filed within 30 days 0-4 shall be filed once	
EOG Resources, Inc. respectf for the referenced APD original	ully requests a two year early approved on 8/5/2014	extension	RFCFWER	,	VERNAL FIELD		
N- 2014-122 EA	**		RECEIVED VERNAL FIELD OFFICE ENG. RAP 9/9/16 GEO 27 2016			9/16	
		S	GEP 2 7 2016 GEOL.			Marin Company of	
					E.S		
			OIL, GAS & MII	NINC .	PET:		
CONDITIONS OF APPROVAL ATTACHED					A.M		
				i			
14. I hereby certify that the foregoing is	true and correct. Electronic Submission #3	342852 vorifie	t by the RI M Wei	li information	Svetom		
	For EOG F Committed to AFMSS fo	RESOURCES, I	NC., sent to the	Vernal	•		
Name (Printed/Typed) WESLEY		, biocassing	•	ATORY AS	••		
Signature (Electronic S	ubmission)		Date 06/22/20	016			
	THIS SPACE FO	R FEDERA					
Approved By				tant Field & Mineral I	Manager Resources	SEP 14 2016	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Office

Approved By

Conditions of approval if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.